

HDP/SB/21 based on PTO/SB/21 (08-00)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/773,365
	Filing Date	January 31, 2001
	First Named Inventor	Khowala et al.
	Group Art Unit	1651
	Examiner Name	Irene Marx
Total Number of Pages in This Submission	Attorney Docket Number	8920-000005

ENCLOSURES (check all that apply)		
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Remarks		The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	Robert M. Siminski	Reg. No.	38,007
Signature	<i>Robert M. Siminski</i>				
Date	June 5, 2003				

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COMMENTS:

Re: Serial No. 09/773,365

Title: A Method for Enhancing Cellobiase Activity of the Novel Strain *Termitomyces Clypeatus*
Using 2-Deoxy-D-Glucose as Glycosylation Inhibitor

Our Reference: 8920-000005

Please enter the attached Amendment into the above identified patent application.
If you have any questions, please do not hesitate to contact us.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/773,365
Filing Date: January 31, 2001
Applicant: Khowala et al.
Group Art Unit: 1651
Examiner: Irene Marx
Title: A Method for Enhancing Cellobiase Activity of the Novel Strain
Termitomyces Clypeatus Using 2-Deoxy-D-Glucose as Glycosylation
Inhibitor
Attorney Docket: 8920-000005

Commissioner of Patents and Trademarks
Washington, D.C. 20231

SUPPLEMENTAL RESPONSE

Sir:

In addition to the distinctions set forth in the Response to Office Action filed May 2, 2003, Applicant has obtained the inventors' comments inventors setting forth other grounds for overturning the pending rejection. Consideration of the following remarks in view of the aforementioned Response is respectfully requested.

REMARKS

Applicant respectfully notes that the Examiner's assertion of similarity in the metabolic pathways involved in cellobiase in fungi is unfounded as a basis for rejection. In *Termitomyces clypeatus* extracellular secretion of cellobiase and not production is regulated by catabolic repression. This metabolic regulation is unknown for any other fungus including, of course, *Trichoderma reesei*. At 50 microgram/ml concentration of 2-deoxyglucose, the production of